

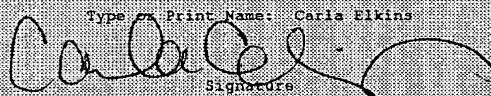
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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3
2-19-02

Inventor(s): Reidar SCHUMANN-OLSEN et al.
U.S. Serial No.: Not Yet Known
U.S. Filing Date: Herewith
Priority Claim: 20005754
Priority Date: November 14, 2000
Title of Invention: MANAGED HDSL REPEATER
Attorney Docket No.: 28170-00030

JC926 U.S. PTO
10/039929
11/06/01

Assistant Commissioner for Patents
Washington, D.C. 20231

<p align="center">CERTIFICATE OF MAILING</p> <p align="center">CERTIFICATE OF MAILING BY EXPRESS MAIL</p> <p align="center">"EXPRESS MAIL" Mailing Label No. EI 749039315US</p> <p align="center">Date of Deposit: NOV 6, 2001</p> <p>I hereby certify that the paper(s) and/or fee(s) listed below are attached hereto and are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231</p> <p align="center">Type or Print Name: Carla Elkins</p> <p align="center"> Signature</p>

Dear Madam or Sir:

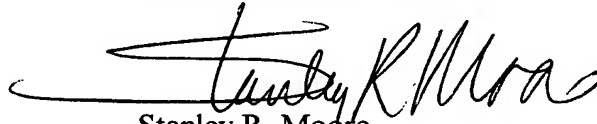
INFORMATION DISCLOSURE STATEMENT

In accordance with Applicants' duty under 37 C.F.R. § 1.56 and 1.97, Applicants hereby submit the attached form PTO-1449, (modified) which lists art cited. The art listed therein, while of some relevance, is not necessarily considered to teach or suggest any aspect of the invention described and claimed in the above-identified patent application. This statement is also not to be construed as a representation that a search has, or has not, been conducted or that no better art exists. Rather, this statement discloses only the best art of which Applicants are aware.

In considering the art set forth below, it may be noted by the Examiner that certain references may contain markings, underlinings or other notations. These markings or notations are not to be construed as drawing the Examiner's attention either to selected parts or away from other parts of the references. Any such markings were either present on the copies of the references obtained by Applicants, or were made thereon during the study of the references by the Applicants and/or Applicants' Attorneys.

The Examiner is respectfully requested to consider each of the cited references, indicate such consideration by initialing each reference on the enclosed Form PTO-1449 (modified) and return a copy of the same with the next communication to the Applicants. For the convenience of the Examiner in considering the references, copies of the cited references are enclosed with this communication.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stanley R. Moore", written over a horizontal line.

Stanley R. Moore
Registration No. 26,958

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Facsimile: 214-855-4300

Form PTO-1449 Modified

**List of Patents and Publications
Cited by Applicant
(Use several sheets if necessary)**

**U.S. Patent Department of Commerce
Patent and Trademark Office**

Docket No.:
28170-00030

Serial No.:
Not Yet Known

Applicants:
Reidar SCHUMANN-OLSEN et al.

Filing Date:
Herewith

Group:
not assigned

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U.S. PATENT DOCUMENTS

Examiner Initial	Cite Code	Document No.	Date	Name	Class	Subclass
	A1	4,686,668	Aug. 11, 1987	Koseki et al.	370	15
	A2	5,422,876	Jun. 6, 1995	Turudic	370	15
	A3					
	A4					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite Code	Document No.	Date	Country	Translation	
					Yes	No
	B1	63074	April 4, 1988	Japan	(abstract)	
	B2	05344	Dec. 24, 1993	Japan	(abstract)	
	B3					
	B4					

OTHER DOCUMENTS

Examiner Initial	Cite Code	Author, Title, Date, Pertinent Pages, Etc.
	C1	
	C2	

EXAMINER:**DATE CONSIDERED**